

642-562

Reel # 86

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(See fig)

The Structure of Molecules + Their use
V. V. Zolotarev

Copy to 317/NK2335
~~to be done by NRbat~~
(7 March '49)
(copy to [unclear] [unclear])

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Proj# 6604

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"On Certain Magnetic Transformation Spectra"

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0-4882 - ("An Investigation of the Kinetics of Photo-
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"Dynamic Diffraction of Electrons"

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<p>Bernahteyn, I. L. FLUCTUATION OF AMPLITUDE AND PHASE OF A TUBE GENERATOR, tr. by Alex Nennsberg. Mar 60 [56]p. 12 refs. Order from LC or SLA ml\$3.60, ph\$9.30 60-23983</p>	<p>60-23983</p> <p>1. Electron tubes--Circuits 1. Bernahteyn, I. L.</p> <p>142,741</p> <p>Office of Technical Services</p>
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<p>Previous theory (Doklady Akad. Nauk SSSR 20: 11, 1938; and Zhur. Tekh. Fiz. 11: 305, 1941) was sub- stantiated. A simple circuit (composed of 2 tubes, a detector and an amplifier) showed an extremely small microphonic effect in the oscillator, caused mainly by the microphonic effect in the tube. New methods are described for sharply decreasing amplitude fluctua- tions, for detecting small microphonic effects in oscillators, and for measuring infinitesimal fluctua- tions of phase.</p>	
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DESCRIPTORS: *Spectrographic analysis, *Spectro-
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An improved spectrographic instrument is described,
in which the image of a spark exploding between the
polished surface of the sample and a plate mounted per-
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Sci - Electronics

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AEC Tr 4042

Sci - Phys
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Order from ATS \$15.70

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 2. Ketones--Luminescence
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ATS/AT-3042
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(Chemistry--Physical, TT, v. 5, no. 10)

Stimulating and Quenching by Exciting Light in
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Scientific - Physics

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